

# SKILLED AND TECHNICAL SCIENCES

High School to College and Career Pathways

## SKILLED AND TECHNICAL SCIENCES

Skilled and Technical Sciences (STS) Education prepares students for employment and/or continuing education opportunities in skilled trades and other technical occupations, as well as promoting quality programs based on recognized industry standards.

### HVAC

#### Workforce Trends

Advances in computer technology have revolutionized the way we monitor and control the engineering systems in buildings. Job openings continue to multiply and the job outlook is very good through the year 2014.

#### Get the Facts

The average homeowner spends close to \$1,300 a year on utility bills. But an energy-efficient home can lower utility bills by 10 to 50%.

In Utah, an HVAC mechanic/installer must be licensed.

#### Beyond High School

There are a number of options for education and training beyond high school, depending on your career goals.

#### Sample Occupations

- > HVAC Mechanic and Installer
- > Stationary Engineer

For more information on salary projections, labor market demand, and training options, visit [www.careers.utah.gov](http://www.careers.utah.gov).



Utah State Office of Education  
250 East 500 South/P.O. Box 144200  
Salt Lake City, UT 84114-4200

[utahcte.org](http://utahcte.org)

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# SKILLED AND TECHNICAL SCIENCES

Post-Secondary Connection

Talk to your teacher and/or school counselor for the classes in this pathway that connect to college. Many Utah colleges/universities accept high school courses toward a two- or four- year degree through concurrent enrollment – saving you time and money.

**NOTES:** \_\_\_\_\_



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